Page   1   of   4	Manhole Inspection Summary Manhole # S09CC2027MH					
Record Plat: 09CC2 Node: 027 Status: Found Insp Date: 10/25/06 2:14 PM Incomplete Comments	Printed On: 12/1	7/2008			Page 1	of 4
Incomplete Comments  Crew: JS, DE Inspector: Smutek, J Firm: REI  Location Address: 5900 GREENSPRING AVE Cross Street: PIMILICO RD  Manhole Type: Inline Location: Roadway Ground Conditions: Dry Subject To Ponding: None  Comments  Cover Shape: Circular Diameter: 30 (in.) Length: (in.) Dist A/B Grade: 0 (in.)  Type: Sanitary Condition: Sound Cover Material: Cast Iron Properties:   Bolted   Vented   Water Tight   Water Tight Insert  Frame Offset: 3 (in.) Condition:   Sound   Cracked   Leaks  Chimney / Frame Adjustment   Exists Material: Brick   Parged   Height: 3 (in.)  Condition:   Sound   Cracked   Root Intrusion   Loose Brick   Deteriorated   Deteriorated   Infiltration:   None   Joint   Cracks   Mortar   Roots   Wall  Corbel Material: Brick   Parged   Type: Concentric/Eccentric   Condition:   Sound   Cracked   Root Intrusion   Loose Brick   Deteriorated   Deteriorated   Infiltration:   None   Joint   Cracks   Mortar   Roots   Wall  Barrel Material: Brick   Parged   Parged   Deteriorated   Infiltration:   None   Joint   Cracked   Root Intrusion   Loose Brick   Deteriorated   Infiltration:   None   Joint   Cracked   Root Intrusion   Loose Brick   Deteriorated   Infiltration:   None   Joint   Cracked   Root Intrusion   Loose Brick   Deteriorated   Infiltration:   None   Joint   Cracked   Root Intrusion   Loose Brick   Deteriorated   Infiltration:   None   Joint   Cracked   Root Intrusion   Loose Brick   Deteriorated   Deteriorated   Leaks   Debris   Debris	Inspection	☐ Is Incomplete Ra	iting: <b>3) Fair</b>			
Location	Record Plat: 09	CC2 Node: 027 St	atus: <b>Found</b>		Insp Date: 10/25/06	2:14 PM
Inspector: Smutek, J Firm: REI	Incomplete Cor	nments			Crew: <b>JS, DE</b>	
Location   Address: 5900 GREENSPRING AVE   Cross Street: PIMILICO RD				Ins	oector: Smutek, J	
Type: Inline					Firm: <b>REI</b>	
Comments  Cover Shape: Circular Diameter: 30 (in.) Length: (in.) Dist A/B Grade: 0 (in.)  Type: Sanitary Condition: Sound Cover Material: Cast Iron Properties:	Location	Address: 5900 GREENS	PRING AVE	Cross	Street: PIMILICO RD	
Comments  Cover Shape: Circular Diameter: 30 (in.) Length: (in.) Dist A/B Grade: 0 (in.)  Type: Sanitary Condition: Sound Cover Material: Cast Iron Properties: Bolted	Manhole	Type: Inline Loca	ition: <b>Roadway</b>	Ground	d Conditions: <b>Dry</b>	
Cover Shape: Circular Diameter: 30 (in.) Length: (in.) Dist A/B Grade: 0 (in.)  Type: Sanitary Condition: Sound Cover Material: Cast Iron Properties:		☐ Prev. Rehab Wea	ther: <b>Dry</b>	Subject	To Ponding: None	
Type: Sanitary Condition: Sound Cover Material: Cast Iron Properties: Bolted Vented Water Tight Water Tight Insert  Frame Offset: 3 (in.) Condition: Sound Cracked Leaks  Chimney / Frame Adjustment Exists Material: Brick Parged Height: 3 (in.)  Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall  Corbel Material: Brick Parged Type: Concentric/Eccentric  Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall  Barrel Material: Brick Parged  Shape: Circular Diameter: 52 (in.) Length: (in.)  Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracked Root Intrusion Loose Brick Deteriorated Deteriorated Roots Wall  Bench Exists Material: Brick Parged Debris (not Condition related)  Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris	Comments					
Type: Sanitary Condition: Sound Cover Material: Cast Iron Properties: Bolted Vented Water Tight Water Tight Insert  Frame Offset: 3 (in.) Condition: Sound Cracked Leaks  Chimney / Frame Adjustment Exists Material: Brick Parged Height: 3 (in.)  Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall  Corbel Material: Brick Parged Type: Concentric/Eccentric  Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall  Barrel Material: Brick Parged  Shape: Circular Diameter: 52 (in.) Length: (in.)  Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracked Root Intrusion Loose Brick Deteriorated Deteriorated Roots Wall  Bench Exists Material: Brick Parged Debris (not Condition related)  Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris						
Properties: Bolted Vented Water Tight Water Tight Insert  Frame Offset: 3 (in.) Condition: Sound Cracked Leaks  Chimney / Frame Adjustment Exists Material: Brick Parged Height: 3 (in.)  Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated  Infiltration: None Joint Cracks Mortar Roots Wall  Corbel Material: Brick Parged Type: Concentric/Eccentric  Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated  Infiltration: None Joint Cracks Mortar Roots Wall  Barrel Material: Brick Parged  Shape: Circular Diameter: 52 (in.) Length: (in.)  Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated  Infiltration: None Joint Cracks Mortar Roots Wall  Bench Exists Material: Brick Parged Debris (not Condition related)  Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris	Cover	•	`	, •	•	(in.)
Frame       Offset: 3 (in.)       Condition:						
Chimney / Frame Adjustment	Properties:	BoltedVented	Water Tight _	Water Tight Ins	sert 	
Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall  Corbel Material: Brick Parged Type: Concentric/Eccentric Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall  Barrel Material: Brick Parged  Shape: Circular Diameter: 52 (in.) Length: (in.)  Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall  Bench Exists Material: Brick Parged Debris (not Condition related)  Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris	Frame	Offset: 3 (in.) Co	ondition: Sound	Cracked	✓ Leaks	
Infiltration: None Joint Cracks Mortar Roots Wall  Corbel Material: Brick Parged Type: Concentric/Eccentric  Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall  Barrel Material: Brick Parged  Shape: Circular Diameter: 52 (in.) Length: (in.)  Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall  Bench Exists Material: Brick Parged Debris (not Condition related)  Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris	Chimney / Fra	me Adjustment 🗸 Exis	sts Material: Brick		✓ Parged Height:	<b>3</b> (in.)
Corbel       Material: Brick       ✓ Parged       Type: Concentric/Eccentric         Condition:       ✓ Sound       Cracked       Root Intrusion       Loose Brick       Deteriorated         Infiltration:       ✓ None       Joint       Cracks       Mortar       Roots       Wall         Barrel       Material: Brick       ✓ Parged         Shape: Circular       Diameter: 52 (in.)       Length: (in.)         Condition:       Sound       Cracked       Root Intrusion       Loose Brick       ✓ Deteriorated         Infiltration:       None       Joint       Cracks       ✓ Mortar       Roots       ✓ Wall         Bench       ✓ Exists       Material: Brick       Parged       ✓ Debris (not Condition related)         Condition:       ✓ Sound       Cracked       Root Intrusion       Deteriorated       Leaks       Debris	Condition:	☐ Sound ☐ Cracked	Root Intrusion	Loose Brick	✓ Deteriorated	
Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall  Barrel Material: Brick Parged  Shape: Circular Diameter: 52 (in.) Length: (in.)  Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall  Bench Exists Material: Brick Parged Debris (not Condition related)  Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris	Infiltration: ☐ None ✓ Joint ☐ Cracks ✓ Mortar ☐ Roots ☐ Wall					
Infiltration: None Joint Cracks Mortar Roots Wall  Barrel Material: Brick Parged  Shape: Circular Diameter: 52 (in.) Length: (in.)  Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated  Infiltration: None Joint Cracks Mortar Roots Wall  Bench Exists Material: Brick Parged Debris (not Condition related)  Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris	Corbel	Material: Brick	✓ Parged	Type: Conc	entric/Eccentric	
Barrel       Material: Brick       ✓ Parged         Shape: Circular       Diameter: 52 (in.) Length: (in.)         Condition: Sound Cracked Root Intrusion Loose Brick ✓ Deteriorated         Infiltration: None Joint Cracks ✓ Mortar Roots ✓ Wall         Bench Exists Material: Brick Parged ✓ Debris (not Condition related)         Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris	Condition:	_ ~				
Shape: Circular Diameter: 52 (in.) Length: (in.)  Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall  Bench Exists Material: Brick Parged Debris (not Condition related)  Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris	Infiltration: ✓ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall					
Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall  Bench Exists Material: Brick Parged Debris (not Condition related)  Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris	Barrel	Material: <b>Brick</b>	✓ Parged			
Infiltration: ☐ None ☐ Joint ☐ Cracks ✔ Mortar ☐ Roots ✔ Wall  Bench ☑ Exists Material: Brick ☐ Parged ✔ Debris (not Condition related)  Condition: ☑ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris	Shape:	Circular Diamet	er: <b>52</b> (in.) Length	n: (in.)		
Bench       ✓ Exists       Material: Brick       ☐ Parged       ✓ Debris (not Condition related)         Condition:       ✓ Sound       ☐ Cracked       ☐ Root Intrusion       ☐ Deteriorated       ☐ Leaks       ☐ Debris	Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ✓ Deteriorated					
Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris	Infiltration:	☐ None ☐ Joint ☐	Cracks	r 🗌 Roots 🔽	Wall	
	Bench	✓ Exists Material: Brick	ζ	☐ Parged ✓ I	Debris (not Condition r	elated)
Channel Material: Brick ☐ Parged ✓ Debris (not Condition related)	Condition:	✓ Sound ☐ Cracked	Root Intrusion	□ Deteriorated	☐ Leaks ☐ Debris	3
	Channel	Material: Brick	☐ Parged	✓ <b>Debris</b> (no	t Condition related)	
Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth:	Channel E	kposure: <b>Fully Open</b>	Junc Dist: 0	nearest .5 ft.	Azimuth:	
Condition: ✓ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris	Condition:	✓ Sound ☐ Cracked	Root Intrusion	□ Deteriorated	Leaks Debris	6
Steps Count: 8 Missing: 0 Corroded	Steps	Count: 8 Missing: 0	✓ Corroded			
Surcharge	Surcharge	✓ Evidence Of Surchar	ge Depth: <b>4.5</b> (ft.	)  Active Sur	charge Present	

## **Manhole Inspection Summary**

### Manhole # S09CC2027MH

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#### **Location View**



#### Abanodoned 19



#### Top View



Corroded steps. Evidence of surcharge - Bench debris.

#### Defect



Frame leaks. Adjustment deterioration, loose brick and infiltration. Barrel infiltration.

### **Manhole Inspection Summary**

#### Manhole # S09CC2027MH

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# 24 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock



Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 18.39 (ft.) Flow Characteristics: Turbulent

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: Evidence Pipe Seal Cond: Cracked

Drop: None

Connects To: Manhole

Possible Illicit Connection

# 12 in. Circular Gravity Sewer Pipe In @ 3 O'Clock



Rod and Bar (Angled)	
Pipe Material: Clay	☐ Pipe Lined
Invert Depth: 16.61 (ft	.) Flow Characteristics: None
Deposits: ✓ None	] Mud □ Sludge □ Debris □ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Unknown

Drop: None

Connects To: **Dead End**Possible Illicit Connection

## **Manhole Inspection Summary**

## Manhole # S09CC2027MH

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24 in. Circular Gravity Sewer Pipe In @ 6 O'Clock



Barrel deterioration and infiltration.

Rod and Bar (Angled)	Drop: None
Pipe Material: Clay	·
nvert Depth: 17.89 (ft.) Flow Characteristics: Turbule	nt
Deposits: ☑ None ☐ Mud ☐ Sludge ☐ Debris ☐	Grease
Silt Depth: (in.) Deposits Extent:	Connects To: Manhole
nfiltration: Evidence Pipe Seal Cond: Broken	Possible Illicit Connection